

Converting Colors

CIELCh(65, 53.561, 80.918)

Have a look what the booklet for
CIELCh(65, 53.561, 80.918) contains.

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Color

CIELCh(65, 53.561, 80.915)

Conversions

Conversions Part 1

Format	Color
Hex	C5963B
RGB	197, 150, 59
RGB Percent	77%, 59%, 23%
CMY	0.2270, 0.4113, 0.7682
CMYK	0.00, 0.24, 0.70, 0.23
HSL	40°, 54%, 50%
HSV	40°, 70%, 77%
XYZ	34.7699, 34.0472, 8.8904
YIQ	153.6790, 57.2230, -18.3370

Conversions

Conversions Part 2

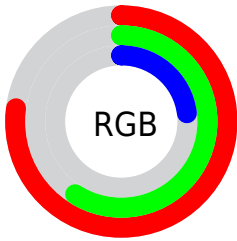
Format	Color
RYB	130, 197, 59
Decimal	12949051
CIELab	65.00, 8.46, 52.89
CIELCh	65, 53.561, 80.915
Yxy	34.0472, 0.4474, 0.4381
Android (android.graphics.Color)	4291139131 (0xFFC5963B)
YUV	153.6790, -46.6767, 37.9925
Hunter-Lab	58.3500, 4.2531, 31.8114

Details

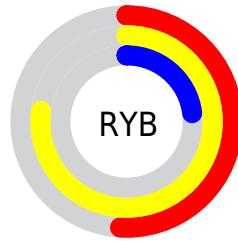
The CIELCh color **65, 53.561, 80.915** is a dark color, and the websafe version is hex **CC9933**. The color can be described as middle muted orange. A complement of this color would be **46, 54.274, 285.664**, and the grayscale version is **64, 0.008, 296.813**.

A 20% lighter version of the original color is **85, 53.120, 81.706**, and **45, 52.938, 80.535** is the 20% darker color. If you saturate the color by 10%, you get **63, 60.070, 79.211**, and if you desaturate by 10%, it is **67, 46.170, 82.463**.

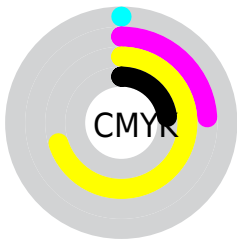
Distribution



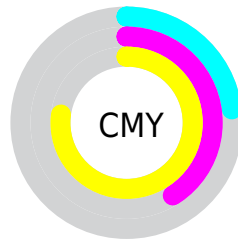
- Red (77%)
- Green (59%)
- Blue (23%)



- Red (51%)
- Yellow (77%)
- Blue (23%)



- Cyan (0%)
- Magenta (24%)
- Yellow (70%)
- Black (23%)



- Cyan (23%)
- Magenta (41%)
- Yellow (77%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 65, 53.561, 80.915 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the CIELCh color 65, 53.561, 80.915 by changing the saturation by 10% instead.

 65, 53.561, 80.915

 65, 53.561, 80.915

 100, 53.561,
80.915

 55, 53.561, 80.915

 85, 53.561, 80.915

 45, 53.561, 80.915

 95, 53.561, 80.915

 35, 53.561, 80.915

 25, 53.561, 80.915

 15, 53.561, 80.915

 5, 53.561, 80.915

 0, 53.561, 80.915

 65, 53.561, 80.915

 65, 53.561, 80.915

 63, 60.070, 79.211

 67, 46.170, 82.463

61, 64.969, 77.201

69, 38.391, 83.920

60, 67.967, 74.815

71, 30.508, 85.322

73, 22.672, 86.682

75, 14.958, 88.001

77, 7.399, 89.267

80, 0.005, 36.674

82, 7.232, 271.762

84, 14.314,
272.885

Harmonies

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



65, 53.561, 80.915



46, 54.274, 285.664

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



65, 53.561, 80.915



65, 53.561, 130.915



65, 53.561, 260.915



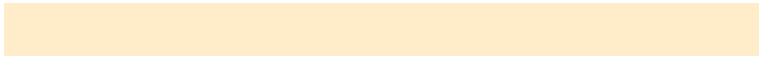
65, 53.561, 310.915

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



65, 53.561, 80.918



94, 19.370, 87.831



47, 58.057, 3.887



50, 13.151, 87.465



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



65, 53.561, 80.918



79, 76.360, 78.201



76, 67.988, 111.468



41, 4.217, 89.344



50, 59.093, 75.254



9, 13.883, 77.812

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



46, 54.274, 285.664



51, 81.654, 291.073



36, 83.378, 304.238



39, 4.213, 271.797



28, 68.560, 295.838



4, 16.547, 280.606

Previews

White Background



This preview shows how the CIELCh color 65, 53.561, 80.915 looks on a white background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the CIE LCh color 65, 53.561, 80.915 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 65, 53.561, 80.915

Background



This preview shows how black text looks on a background with the CIELCh color 65, 53.561, 80.915.



This preview shows how white text looks on a background with the CIELCh color 65, 53.561, 80.915.

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



Original Color

65, 53.561, 80.915

Protanopia

65, 51.626, 95.526

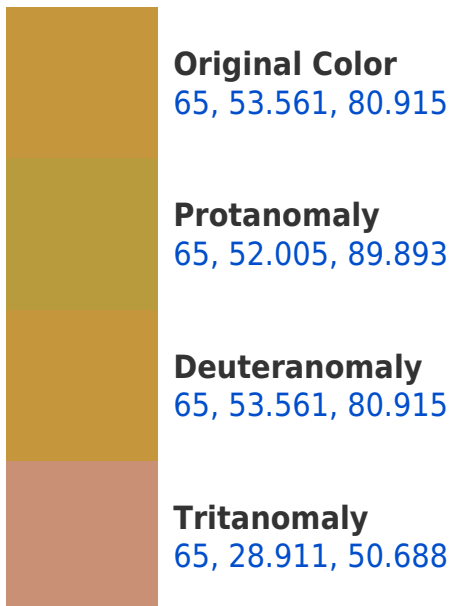
Deuteranopia

65, 53.561, 80.915

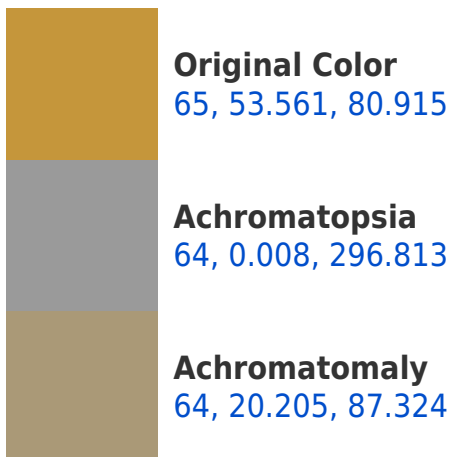


Tritanopia
65, 25.721, 9.842

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to CIELCh 65, 53.561, 80.915 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color `rgb(197, 150, 59)` looks like.

```
.text, #text, p{  
    color:rgb(197, 150, 59)  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel rgb(197, 150, 59) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(197, 150, 59) }
```

Border

The CSS property to change the border of an element to CIELCh 65, 53.561, 80.915 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(197, 150, 59) }
```

If only the border color should be changed use the property `border-color`.

```
.border{ border-color:rgb(197, 150, 59) }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel `rgb(197, 150, 59)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(197, 150, 59); -webkit-box-  
shadow:4px 4px 4px 4px rgb(197, 150, 59);  
box-shadow:4px 4px 4px 4px rgb(197, 150,  
59) }
```

Background

The CSS property to change the background color of an element to CIELCh 65, 53.561, 80.915 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(197, 150, 59) }
```

If only the background color should be changed can be used:

```
.background{ background-color: rgb(197,  
150, 59) }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

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